

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number:

09/470,997C

Source:

IFW16

Date Processed by STIC:

11/20/2006

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 11/20/2006

PATENT APPLICATION: US/09/470,997C

TIME: 15:17:18

Input Set : A:\GLOV3002 Sequence Listing.ST25.txt

Output Set: N:\CRF4\11202006\I470997C.raw

```

3 <110> APPLICANT: Proteus Molecular Design Limited
4     James, Glover F
5     Rushton, Arthur
6     Morgan, Phillip J
7     Young, Stephen C
9 <120> TITLE OF INVENTION: Angiotensin Derivatives
11 <130> FILE REFERENCE: GLOV3002/REF
13 <140> CURRENT APPLICATION NUMBER: US 09/470,997C
14 <141> CURRENT FILING DATE: 1999-12-23
16 <150> PRIOR APPLICATION NUMBER: PCT/GB98/01833
17 <151> PRIOR FILING DATE: 1998-06-23
19 <160> NUMBER OF SEQ ID NOS: 331
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 10
25 <212> TYPE: PRT
26 <213> ORGANISM: Unknown
28 <220> FEATURE:
29 <223> OTHER INFORMATION: mammalian peptide hormone angiotensin I
31 <400> SEQUENCE: 1
33 Asp Arg Val Tyr Ile His Pro Phe His Leu
34 1      5      10
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 8
39 <212> TYPE: PRT
40 <213> ORGANISM: Unknown
42 <220> FEATURE:
43 <223> OTHER INFORMATION: mammalian peptide hormone angiotensin II
45 <400> SEQUENCE: 2
47 Asp Arg Val Tyr Ile His Pro Phe
48 1      5
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 12
53 <212> TYPE: PRT
54 <213> ORGANISM: Unknown
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Angiotensin I derivative
59 <400> SEQUENCE: 3
61 Asp Arg Val Tyr Ile His Pro Phe His Leu Gly Cys
62 1      5      10
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 10
67 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

DATE: 11/20/2006

PATENT APPLICATION: US/09/470,997C

TIME: 15:17:18

Input Set : A:\GLOV3002 Sequence Listing.ST25.txt

Output Set: N:\CRF4\11202006\I470997C.raw

68 <213> ORGANISM: Unknown
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Angiotensin II derivative
73 <400> SEQUENCE: 4
75 Asp Arg Val Tyr Ile His Pro Phe Gly Cys
76 1 5 10
79 <210> SEQ ID NO: 5
80 <211> LENGTH: 11
81 <212> TYPE: PRT
82 <213> ORGANISM: Unknown
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Angiotensin I derivative
87 <400> SEQUENCE: 5
89 Asp Arg Val Tyr Ile His Pro Phe His Leu Cys
90 1 5 10
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 11
95 <212> TYPE: PRT
96 <213> ORGANISM: Unknown
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Angiotensin I derivative
101 <400> SEQUENCE: 6
103 Asp Arg Val Tyr Ile His Pro Phe His Leu Tyr
104 1 5 10
107 <210> SEQ ID NO: 7
108 <211> LENGTH: 11
109 <212> TYPE: PRT
110 <213> ORGANISM: Unknown
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Angiotensin I derivative
115 <400> SEQUENCE: 7
117 Tyr Asp Arg Val Tyr Ile His Pro Phe His Leu
118 1 5 10
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 11
123 <212> TYPE: PRT
124 <213> ORGANISM: Unknown
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Angiotensin I derivative
129 <400> SEQUENCE: 8
131 Cys Asp Arg Val Tyr Ile His Pro Phe His Leu
132 1 5 10
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 12
137 <212> TYPE: PRT
138 <213> ORGANISM: Unknown
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Angiotensin I derivative
143 <400> SEQUENCE: 9

RAW SEQUENCE LISTING

DATE: 11/20/2006

PATENT APPLICATION: US/09/470,997C

TIME: 15:17:18

Input Set : A:\GLOV3002 Sequence Listing.ST25.txt

Output Set: N:\CRF4\11202006\I470997C.raw

```

145 Asp Arg Val Tyr Ile His Pro Phe His Leu Gly Cys
146 1          5          10
149 <210> SEQ ID NO: 10
150 <211> LENGTH: 10
151 <212> TYPE: PRT
152 <213> ORGANISM: Unknown
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Angiotensin II derivative
157 <400> SEQUENCE: 10
159 Asp Arg Val Tyr Ile His Pro Phe Gly Cys
160 1          5          10
163 <210> SEQ ID NO: 11
164 <211> LENGTH: 12
165 <212> TYPE: PRT
166 <213> ORGANISM: Unknown
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Angiotensin I derivative
171 <400> SEQUENCE: 11
173 Cys Gly Asp Arg Val Tyr Ile His Pro Phe His Leu
174 1          5          10
177 <210> SEQ ID NO: 12
178 <211> LENGTH: 10
179 <212> TYPE: PRT
180 <213> ORGANISM: Unknown
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Angiotensin II derivative
185 <400> SEQUENCE: 12
187 Cys Gly Asp Arg Val Tyr Ile His Pro Phe
188 1          5          10
191 <210> SEQ ID NO: 13
192 <211> LENGTH: 23
193 <212> TYPE: PRT
194 <213> ORGANISM: Unknown
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Angiotensin derivative
199 <400> SEQUENCE: 13
201 Asp Arg Val Tyr Ile His Pro Phe His Leu Gly Cys Gly Asp Arg Val
202 1          5          10          15
205 Tyr Ile His Pro Phe His Leu
206          20
209 <210> SEQ ID NO: 14
210 <211> LENGTH: 21
211 <212> TYPE: PRT
212 <213> ORGANISM: Unknown
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Angiotensin derivative
217 <400> SEQUENCE: 14
219 Asp Arg Val Tyr Ile His Pro Phe His Leu Gly Cys Gly Asp Arg Val
220 1          5          10          15

```

RAW SEQUENCE LISTING

DATE: 11/20/2006

PATENT APPLICATION: US/09/470,997C

TIME: 15:17:18

Input Set : A:\GLOV3002 Sequence Listing.ST25.txt

Output Set: N:\CRF4\11202006\I470997C.raw

```

223 Tyr Ile His Pro Phe
224                20
227 <210> SEQ ID NO: 15
228 <211> LENGTH: 23
229 <212> TYPE: PRT
230 <213> ORGANISM: Unknown
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Angiotensin derivative
235 <400> SEQUENCE: 15
237 Leu His Phe Pro His Ile Tyr Val Arg Asp Gly Cys Gly Asp Arg Val
238 1                5                10                15
241 Tyr Ile His Pro Phe His Leu
242                20
245 <210> SEQ ID NO: 16
246 <211> LENGTH: 21
247 <212> TYPE: PRT
248 <213> ORGANISM: Unknown
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Angiotensin derivative
253 <400> SEQUENCE: 16
255 Leu His Phe Pro His Ile Tyr Val Arg Asp Gly Cys Gly Asp Arg Val
256 1                5                10                15
259 Tyr Ile His Pro Phe
260                20
263 <210> SEQ ID NO: 17
264 <211> LENGTH: 21
265 <212> TYPE: PRT
266 <213> ORGANISM: Unknown
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Angiotensin derivative
271 <400> SEQUENCE: 17
273 Asp Arg Val Tyr Ile His Pro Phe Gly Cys Gly Asp Arg Val Tyr Ile
274 1                5                10                15
277 His Pro Phe His Leu
278                20
281 <210> SEQ ID NO: 18
282 <211> LENGTH: 19
283 <212> TYPE: PRT
284 <213> ORGANISM: Unknown
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Angiotensin derivative
289 <400> SEQUENCE: 18
291 Asp Arg Val Tyr Ile His Pro Phe Gly Cys Gly Asp Arg Val Tyr Ile
292 1                5                10                15
295 His Pro Phe
299 <210> SEQ ID NO: 19
300 <211> LENGTH: 21
301 <212> TYPE: PRT
302 <213> ORGANISM: Unknown

```

RAW SEQUENCE LISTING

DATE: 11/20/2006

PATENT APPLICATION: US/09/470,997C

TIME: 15:17:18

Input Set : A:\GLOV3002 Sequence Listing.ST25.txt

Output Set: N:\CRF4\11202006\I470997C.raw

```

304 <220> FEATURE:
305 <223> OTHER INFORMATION: Angiotensin derivative
307 <400> SEQUENCE: 19
309 Phe Pro His Ile Tyr Val Arg Asp Gly Cys Gly Asp Arg Val Tyr Ile
310 1           5           10           15
313 His Pro Phe His Leu
314           20
317 <210> SEQ ID NO: 20
318 <211> LENGTH: 19
319 <212> TYPE: PRT
320 <213> ORGANISM: Unknown
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Angiotensin derivative
325 <400> SEQUENCE: 20
327 Phe Pro His Ile Tyr Val Arg Asp Gly Cys Gly Asp Arg Val Tyr Ile
328 1           5           10           15
331 His Pro Phe
335 <210> SEQ ID NO: 21
336 <211> LENGTH: 12
337 <212> TYPE: PRT
338 <213> ORGANISM: Unknown
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Angiotensin I derivative
343 <400> SEQUENCE: 21
345 Cys Ala Asp Arg Val Tyr Ile His Pro Phe His Leu
346 1           5           10
349 <210> SEQ ID NO: 22
350 <211> LENGTH: 10
351 <212> TYPE: PRT
352 <213> ORGANISM: Unknown
354 <220> FEATURE:
355 <223> OTHER INFORMATION: Angiotensin II derivative
357 <400> SEQUENCE: 22
359 Cys Ala Asp Arg Val Tyr Ile His Pro Phe
360 1           5           10
363 <210> SEQ ID NO: 23
364 <211> LENGTH: 15
365 <212> TYPE: PRT
366 <213> ORGANISM: Unknown
368 <220> FEATURE:
369 <223> OTHER INFORMATION: Angiotensin I derivative
371 <400> SEQUENCE: 23
373 Cys Ala Ala Ala Asp Arg Val Tyr Ile His Pro Phe His Leu
374 1           5           10           15
377 <210> SEQ ID NO: 24
378 <211> LENGTH: 13
379 <212> TYPE: PRT
380 <213> ORGANISM: Unknown
382 <220> FEATURE:

```

VERIFICATION SUMMARY

DATE: 11/20/2006

PATENT APPLICATION: US/09/470,997C

TIME: 15:17:19

Input Set : A:\GLOV3002 Sequence Listing.ST25.txt

Output Set: N:\CRF4\11202006\I470997C.raw